



Gulf of Mexico Harmful Algal Bloom Bulletin

22 May 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: May 15, 2006

Conditions Report

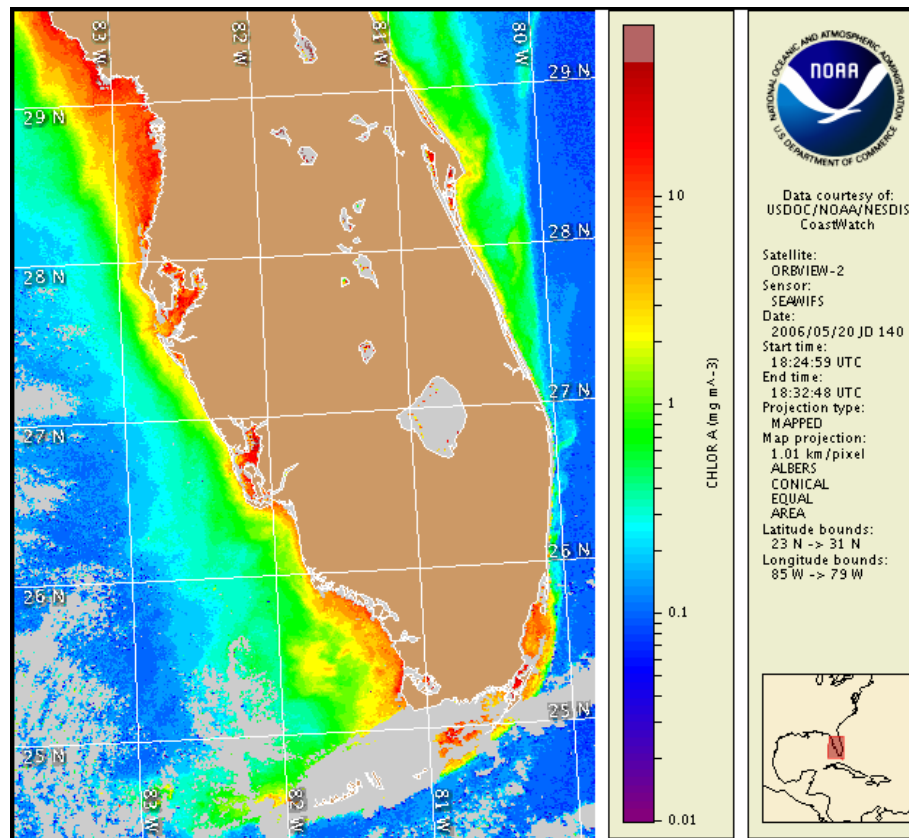
No impacts are expected in any Florida counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

Analysis

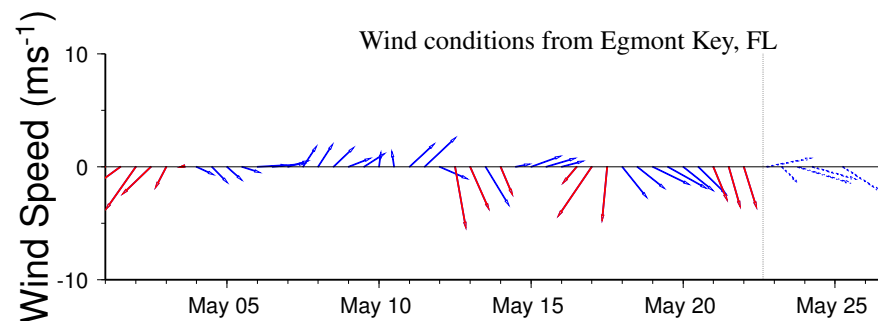
There continues to be no indication of harmful algal bloom activity in southwest Florida at the present time. Recent sampling confirms the absence of *K. brevis* alongshore from Manatee to Collier County (FWRI, May 15-17). FWRI reported background level concentrations of *K. brevis* in Pinellas County (Skyway Pier) on May 16. Varying concentrations of non-harmful algae remain present along the coast.

An offshore elevated chlorophyll feature appeared in satellite imagery on May 17 South-southwest of Cape Romano (centrally localized at 25°27'N, 81°47'W). This feature appears to have weakened in intensity to approximately 2.5 µg/L as of May 20 and is likely non-harmful.

~Fisher, Bronder



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

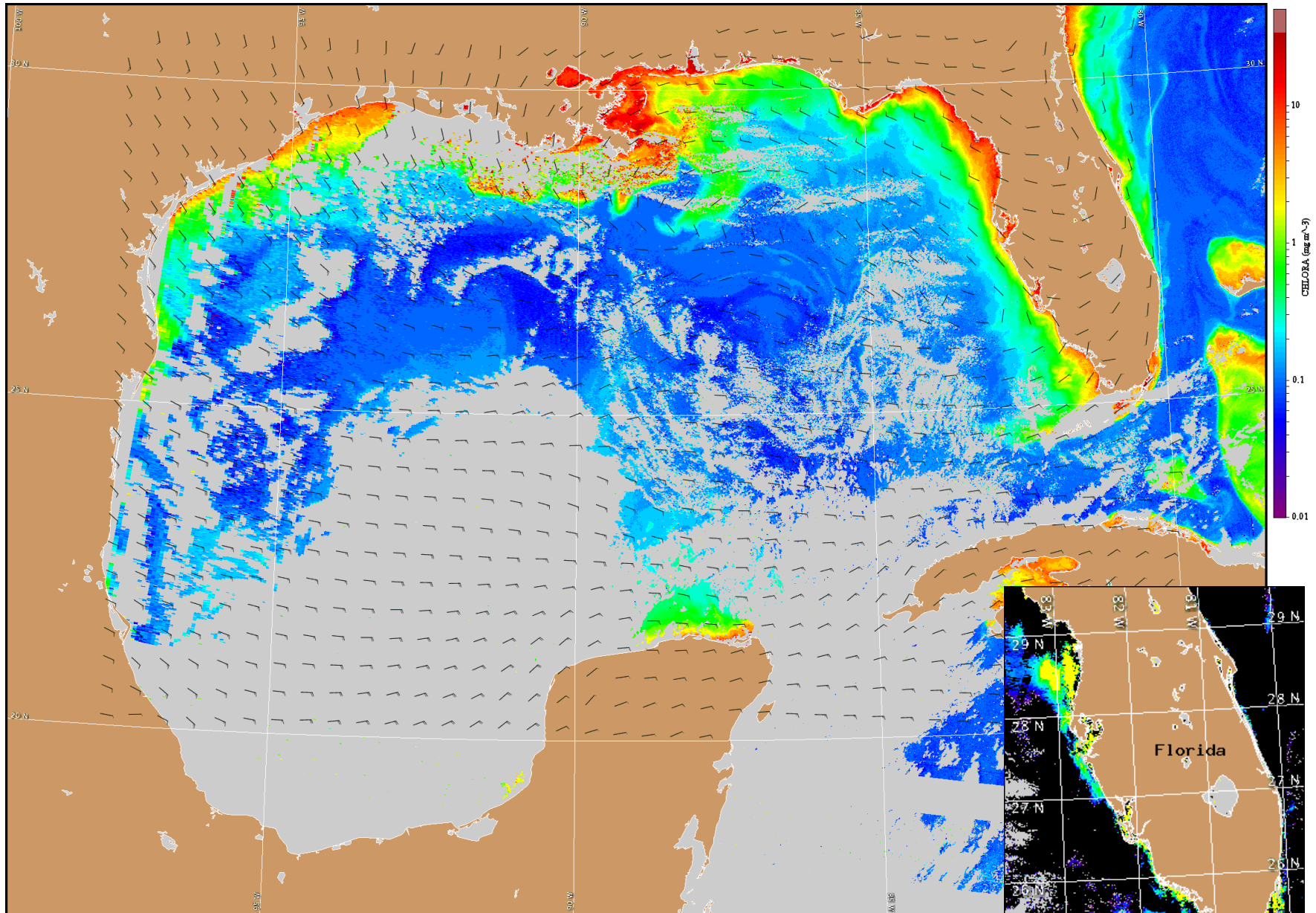


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

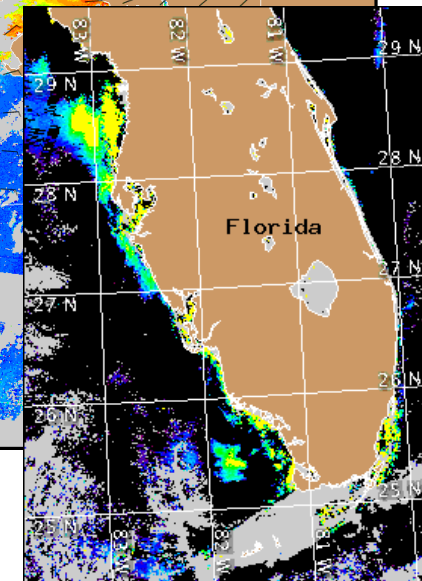
SW Florida: Mild (5kts, 3m/s) northerly winds today will shift onshore in the afternoon and westerly tonight. Variable winds becoming northwesterly on Tuesday will shift northerly Wednesday and easterly Wednesday night. Continually mild southeasterly (5-10kt, 3-5m/s) winds on Thursday; southerlies expected on Friday.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for May 23, 2006 06Z.



Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).

Wind conditions from Venice Pier, FL

